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> United States Department of Agriculture

Marketing and Regulatory Programs

Agricultural Marketing Service



NAL SURPLUS

Plant Variety Protection Office Official Journal

Volume 26, No. 1 Quarterly Report

January 1 - March 31, 1998





PREFACE

The Plant Variety Protection Act (7 U.S.C.2321 et seq.) authorizes the Secretary of Agriculture to publish an Official Journal to provide the public with information relating to the operations of the Plant Variety Protection Office. The statute also authorizes the Secretary to disseminate technological and other information that encourages innovation and progress in plant breeding.

The Official Journal is published quarterly and is available at no charge from:

Plant Variety Protection Office Science and Technology Agricultural Marketing Service U.S. Department of Agriculture Rm. 500, NAL Bldg. 10301 Baltimore Blvd. Beltsville, Maryland 20705-2351

Telephone: 301/504-5518
Facsimile: 301/504-5291
http://www.ams.usda.gov/science/pvp.htm



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JANUARY 1, 1998 TO MARCH 31, 1998 APPLICATIONS RECEIVED

Applications for protection have been filed for the following varieties. Each application has been assigned an application number and will be examined to determine whether the variety is entitled to a certificate of protection. The cool of these varieties may be

will be examin labeled "Unaut	will be examined to determine whether the variety is entitled to a certificate of protection. Labeled "Unauthorized Propagation Prohibited · U.S. Variety Protection Applied For · PVPA 1994	entitlec ariety P	to a certifica rotection Appli	will be examined to determine whether the variety is entitled to a certificate of protection. The seed of these varieties may be labeled "Unauthorized Propagation Prohibited • U.S. Variety Protection Applied For • PVPA 1994."
APPL. NO.	VARIETY	GEN.	APPLICATION DATE	NAME OF APPLICATION
ALFALFA 9800112 9800114 9800143	Salado 5347LH 53Q60		02/12/1998 02/18/1998 03/03/1998	Agripro Seeds, Inc. Pioneer Hi-Bred International, Inc. Pioneer Hi-Bred International, Inc.
BARLEY 9800113 9800158 9800159	Sunstar Pride Century Statehood	(3)	02/17/1998 03/12/1998 03/12/1998	Sunderman Breeding Inc. Utah Agricultural Experiment Station Utah Agricultural Experiment Station
BASIL 9800125 9800126	Sanremo Pesto		02/23/1998 02/23/1998	Harris Moran Seed Company Harris Moran Seed Company
BEAN, FIELD 9800089	Burke	(2)	01/20/1998	Washington State University Research Foundation
BEAN, GARDEN 9800094 9800095	Bannerol Polder		01/23/1998 01/23/1998	Vilmorin S.A Vilmorin S.A

^(*) To be sold by variety name only as a class of certified seed. A number within parentheses indicates the number of generations of certified seed permitted beyond breeder's seed.

< > Identifies temporary designations.

APPLICATIONS RECEIVED JANUARY 1, 1998 TO MARCH 31, 1998

, NAME OF APPLICATION	Agripro Seeds, Inc. Agripro Seeds, Inc. California Planting Cotton Seed Distributors Delta & Pine Land Company; DBA Paymaster Cottonseed	Zajac Performance Seeds. Inc. Blue Mt. Seeds, Inc.	Pure-Seed Testing, Inc. Pure-Seed Testing, Inc.	United Grain Growers Ltd.	Seminis Vegetable Seeds. Inc. Seminis Vegetable Seeds. Inc. Seminis Vegetable Seeds. Inc. Coastal Seeds. Inc. Coastal Seeds. Inc.
APPLICATION DATE	03/05/1998 03/05/1998 03/20/1998 03/30/1998	02/02/1998	02/23/1998 02/23/1998	02/27/1998	01/20/1998 01/20/1998 01/20/1998 02/18/1998 02/18/1998
GEN. (*)	(3)			(3)	
VARIETY	nued) AP 4103 AP 6102 <cpcsd acala="" c-144=""> PM 2145 RR</cpcsd>	Trapeze Fenway	Coronado Gold Wolfpack	<686>	Pahokee Gulf Stream Spanish Bay Gladiator Medallion
APPL. NO.	COTTON (continued) 9800149 AP 9800150 AP 9800166 <c< th=""><th>FESCUE, RED 9800100 9800176</th><th>FESCUE, TALL 9800122 9800123</th><th>FLAX 9800133</th><th>LETTUCE 9800086 9800087 9800088 9800119 9800120</th></c<>	FESCUE, RED 9800100 9800176	FESCUE, TALL 9800122 9800123	FLAX 9800133	LETTUCE 9800086 9800087 9800088 9800119 9800120

The Board of Trustees of the University of Illinois	ole Seeds, Inc.	Inc.	New Mexico State University Agricultural Experiment Station	Monsanto Company Aonsanto Company Aonsanto Company Aonsanto Company Aonsanto Company Aonsanto Company Aonsanto Company Aithness Potato Breeders LTD Hettema B.V.	Inc.
The Board of Tr	Seminis Vegetable Seeds. Inc.	Novartis Seeds, Inc.	New Mexico Stat Station	Monsanto Company Monsanto Company Monsanto Company Monsanto Company Monsanto Company Monsanto Company Monsanto Company Caithness Potato Hettema B.V.	Novartis Seeds, Inc.
03/03/1998	02/19/1998	03/23/1998	03/03/1998	02/06/1998 02/06/1998 02/06/1998 02/06/1998 02/06/1998 02/06/1998 03/04/1998 03/11/1998	01/27/1998
(2)			(3)	(1)	
Blaze	<8500017>	Ripon	NuMex Primavera	<pre></pre> <pre><pre></pre><pre></pre><pre></pre><pre></pre><pre></pre><pre><pre></pre><pre><pre><pre><pre><pre><pre><pre><pre><pre><pre><pre><pre><pre><pre><pre><pre><pre><pre><pre><pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre>	Wee-B ₋ Little
9800144	9800121	PEA, FIELD 9800170	PEPPER 9800147	9800103 9800103 9800104 9800106 9800107 9800108 9800109 9800146 9800156	PUMPK IN 9800096

(*) To be sold by variety name only as a class of certified seed. A number within parentheses indicates the number of generations of certified seed permitted beyond breeder's seed. < > Identifies temporary designations.

, NAME OF APPLICATION	Mitsubishi Chemical Corporation Mitsubishi Chemical Corporation Mitsubishi Chemical Corporation	Finelawn Research. Inc. J. R. Simplot Company dba Jacklin Seed	Pioneer Hi-Bred International, Inc. Pioneer Hi-Bred International, Inc.	Pioneer Hi-Bred International, Inc.
APPLICATION DATE	03/23/1998 03/23/1998 03/23/1998	03/09/1998 03/09/1998	02/11/1998 02/11/1998	01/02/1998 01/02/1998 01/02/1998 01/02/1998 01/02/1998 01/02/1998 01/02/1998 01/02/1998
GEN. (*)				
VARIETY	Honami Tsuyayak Hayate	:NNIAL Stallion Supreme Monterey	PHBCWNL PHBEPOYJ	91801 91891 92801 92851 92851 92851 92871 92871 92871
APPL.	RICE 9800172 9800173 9800174	RYEGRASS, PERENNIAL 9800151 Sta 9800154 Mon	SORGHUM 9800110 9800111	SOYBEAN 9800056 9800057 9800058 9800060 9800061 9800062 9800063 9800063

Pioneer Hi-Bred International, Inc. Winnesota Agricultural Experiment Station Minnesota Agricultural Experiment Station University of Georgia Research Foundation, Inc. (UGARF) and University of Florida Agricultural Experiment Station (UFAES)	Kansas Agricultural Experiment Station South Dakota Agricultural Experiment Station South Dakota Agricultural Experiment Station Hornbeck Seed Co., Inc. Delta and Pine Land Company
01/02/1998 01/02/1998 01/02/1998 01/02/1998 01/02/1998 01/02/1998 01/02/1998 01/02/1998 01/02/1998 01/02/1998 01/02/1998 01/02/1998 01/02/1998 01/21/1998 01/21/1998 01/21/1998	02/24/1998 02/27/1998 02/27/1998 02/26/1998 02/27/1998
(5) (5) (5)	333
93811 93841 93851 93881 93882 93883 94801 94811 9482 94811 9482 95841 95871 95871 8G 567RR SG 567RR SG 617RR MN 1301 MN 0301 Boggs	KS4997 Stride Surge HBK 6600 DP 4750 RR
9800067 9800069 9800070 9800071 9800073 9800074 9800076 9800077 9800078 9800080 9800081 9800081 9800081 9800081 9800081 9800081	9800124 9800136 9800137 9800138

^(*) To be sold by variety name only as a class of certified seed. A number within parentheses indicates the number of generations of certified seed permitted beyond breeder's seed.

< > Identifies temporary designations.

APPLICATIONS RECEIVED JANUARY 1, 1998 TO MARCH 31, 1998

, NAME OF APPLICATION		Delta and Pine Land Company	Delta and Pine Land Company d/b/a Deltapine Seed	Hornbeck Seed Co., Inc.	NDSU Research Foundation	NDSU Research Foundation	Delta and Pine Land Company d/b/a Deltapine Seed	Delta and Pine Land Company d/b/a Deltapine Seed	Delta and Pine Land Company d/b/a Deltapine Seed	Delta and Pine Land Company	Delta and Pine Land Company	Delta and Pine Land Company d/b/a Deltapine Seed		Dr. Earl A. Wernsman, NCSU Crop Breeder		Agriculture and Agri-Food Canada	Oklahoma Agricultural Experiment Station	Virginia Agricultural Experiment Station	Novartis Seeds, Inc.	The Board of Trustees of the University of Illinois
APPLICATION DATE		02/27/1998	02/27/1998	03/10/1998	03/12/1998	03/12/1998	03/16/1998	03/16/1998	03/16/1998	03/23/1998	03/23/1998	03/16/1998		02/18/1998		01/21/1998	02/02/1998	02/06/1998	03/02/1998	03/04/1998
GEN. (*)					(3)	(3)								(1)		(3)	(3)	(2)	(3)	(2)
VARIETY	ned)	DP 4969 RR	DP 4344 RR	HBK 5990	Jim	Daksoy	<dpx 8s75=""></dpx>	<dpx 8s56=""></dpx>	<dpx 8s49=""></dpx>	DP 6880 RR	DP 7375 RR	<dpx 8s59=""></dpx>		NC 466-3-6		AC Majestic	2174	Pocahontas	Coker 9704	<1L90-7514>
APPL. NO.	SOYBEAN (continued)	9800140	9800142	9800152	9800160	9800161	9800162	9800164	9800165	9800168	9800169	R 00163	TOBACCO	9800115	WHEAT, COMMON	9800082	6600086	9800102	9800134	9800145

4	state of Oregon, Acting by and through	of Higher Education on behalf of Orego
0000	03/09/1998	
;	*	
	Connie	
WHEAT, DURUM	9800153	20001

State of Oregon. Acting by and through the State Board of Higher Education on behalf of Oregon State University

^(*) To be sold by variety name only as a class of certified seed. A number within parentheses indicates the number of generations of certified seed permitted beyond breeder's seed. < > Identifies temporary designations.

Information c During the ex	oncerning the varieties below has amination process, the applicant	been published previou requested this informat	Information concerning the varieties below has been published previously in the "Official Journal's" list of applications receive During the examination process, the applicant requested this information be amended as indicated below.
APPL.	VARIETY	GEN. APPLICATION (*)_ DATE	NAME OF OWNER
ALFALFA 9500044	Tahoe	11/22/1994	Novartis Seeds, Inc.
Name	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	ng Company to Novartis	Seeds, Inc.
9500077	Rushmore	01/20/1995	Novartis Seeds, Inc.
Name	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	ng Company to Novartis	Seeds, Inc.
BARLEY 7200096	Cygnet	02/28/1972	Novartis Seeds, Inc.
Name	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	ng Company to Novartis	Seeds, Inc.
7200097	Vireo	02/28/1972	Novartis Seeds. Inc
Name	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	ng Company to Novartis	Seeds, Inc.
7700008	Kombyne	(3) 10/29/1976	Novartis Seeds. Inc

					ny. Inc.		ny. Inc.		ny. Inc.	.:	ny, Inc.
ds, Inc.		ds, Inc.		ompany. Inc	Seed Compa	company. Inc	Seed Compa	Company. Inc	Seed Compa	Company. Inc	Seed Compa
Novartis Seeds, Inc	ds, Inc.	Novartis Seeds, Inc.	ds. Inc.	Lofts Seed Company, Inc.	Name of owner changed from Lofts Seed. Inc. to Lofts Mergerco. Inc. to Lofts Seed Company. Inc.	Lofts Seed Company, Inc.	Name of owner changed from Lofts Seed. Inc. to Lofts Mergerco. Inc. to Lofts Seed Company. Inc.	Lofts Seed Company, Inc.	Name of owner changed from Lofts Seed. Inc. to Lofts Mergerco. Inc. to Lofts Seed Company. Inc.	Lofts Seed Company, Inc.	Name of owner changed from Lofts Seed. Inc. to Lofts Mergerco. Inc. to Lofts Seed Company. Inc.
02/25/1983	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	03/11/1976	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	05/08/1996	Mergerco. I	03/12/1974	Mergerco, I	02/13/1995	Mergerco. I	04/22/1996	Mergerco. I
02/25	ompany to N	03/17	ompany to M		. to Lofts		:. to Lofts	02/1	:. to Lofts	04/2	c. to Lofts
	ırup King C		nrup King C	(3)	s Seed. Inc	(2)	s Seed. Inc		s Seed, Inc		s Seed. Inc
	1 from North		i from Nort⊍		d from Loft		d from Loft		d from Loft	105	d from Loft
00	mer changec	Exp. 113	vner changed	VG ofts L-93	wner changed	ζΥ am I	wner change	Preakness	wner change	Princeton P-105	wner change
8300069 550	Name of ow		Name of ov	BENTGRASS, CREEPING 9600256 Lofts L-93	Name of ov	BLUEGRASS, KENTUCKY 7400074 Ram I	Name of ov	9500090 Pr	Name of o	9600228 PI	Name of o
8300		BEAN, GARDEN 7600057		BENTGRA: 9600		BLUEGRA: 740.		950		096	

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< > Identifies temporary designations.

Inc.		Inc.		Inc.		Inc.		Inc.		Inc.	
eeds,	Inc.	eeds.	Inc.	eeds.	Inc.	eeds.	Inc.	eeds,	Inc.	eeds,	
rtis S	Seeds,	rtis S	Seeds,	rtis S	Seeds,	rtis S	Seeds.	rtis S	Seeds.	rtis S	
Nova	rtis	Novai	rtis (Novar	rtis S	Novar	rtis §	Novar	rtis §	Novar	
ion to	Nova	ion to	Nova	ion to	Nova	ion to	Nova	ion to	Nova	ion to	
Divisi	8	Divisi	3	Divisi	8	Divisi	8	Divisi	8	Divisi	
speeds	22/199	Seeds	22/199	speeds	22/199.	speeds	22/199	speeds	22/199	spees	
Jon, S	7//0	cion.	2//0	cion, S	2//0	cion, S	2//0	Jon, S	2//0	ion, §	
rporat		rporat		rporat		rporat		rporat		rporat	
gy Co		gy Co		gy Co		gy Co		gy Co		gy Co	
ba-Gei		oa-Gei		oa-Gei		оа-бет		oa-Gei		ba-Gei	
om Ci		om Ci		om Cil		om Cil		om Cil		om Cil	
yed fr		ged fr		jed fr		Jed fr		jed fr		jed fr	
chanç	42	chang	53	chang	84	chang	35	chang	80	chang	
owner	.00090	owner	CG006!	owner	20093	owner	CG0068	owner	CG007	owner	
le of		le of		le of		le of		le of		le of	
Nam	300269	Nam	300270	Nam	300271	Nam	300272	Nam	300273	Nam	
	9		6		99		9		6		
	Name of owner changed from Ciba-Geigy Corporation, Seeds Division to Novartis Seeds, Inc.	Name of owner changed from Ciba-Geigy Corporation, Seeds Division to Novartis Seeds, Inc. 9300269 CG00642 07/22/1993 Novartis Seeds, Inc.	Name of owner changed from Ciba-Geigy Corporation, Seeds Division to Novartis Seeds, Inc. 9300269 CG00642 07/22/1993 Novartis Seeds, Inc. Name of owner changed from Ciba-Geigy Corporation, Seeds Division to Novartis Seeds, Inc.	Name of owner changed from Ciba-Geigy Corporation, Seeds Division to Novartis Seeds, Inc. 9300269 CG00642 07/22/1993 Novartis Seeds, Inc. Name of owner changed from Ciba-Geigy Corporation, Seeds Division to Novartis Seeds, Inc. 9300270 CG00653 07/22/1993 Novartis Seeds, Inc.	Name of owner changed from Ciba-Geigy Corporation, Seeds Division to Novartis Seeds, Inc. 9300269 CG00642 07/22/1993 Novartis Seeds, Inc. Name of owner changed from Ciba-Geigy Corporation, Seeds Division to Novartis Seeds, Inc. 9300270 CG00653 07/22/1993 Novartis Seeds, Inc. Name of owner changed from Ciba-Geigy Corporation, Seeds Division to Novartis Seeds, Inc.	Name of owner changed from Ciba-Geigy Corporation, Seeds Division to Novartis Seeds, Inc. 9300269	Name of owner changed from Ciba-Geigy Corporation, Seeds Division to Novartis Seeds, Inc. 9300269 CG00642 07/22/1993 Novartis Seeds, Inc. Name of owner changed from Ciba-Geigy Corporation, Seeds Division to Novartis Seeds, Inc. 9300270 CG00653 07/22/1993 Novartis Seeds, Inc. Name of owner changed from Ciba-Geigy Corporation, Seeds Division to Novartis Seeds, Inc. 9300271 CG00684 07/22/1993 Novartis Seeds, Inc. Name of owner changed from Ciba-Geigy Corporation, Seeds Division to Novartis Seeds, Inc.	Name of owner changed from Ciba-Geigy Corporation, Seeds Division to Novartis Seeds, Inc. 9300269 CG00642 07/22/1993 Novartis Seeds, Inc. Name of owner changed from Ciba-Geigy Corporation, Seeds Division to Novartis Seeds, Inc. Name of owner changed from Ciba-Geigy Corporation, Seeds Division to Novartis Seeds, Inc. 9300271 CG00684 07/22/1993 Novartis Seeds, Inc. Name of owner changed from Ciba-Geigy Corporation, Seeds Division to Novartis Seeds, Inc. 9300272 CG00685 07/22/1993 Novartis Seeds, Inc.	Name of owner changed from Ciba-Geigy Corporation, Seeds Division to Novartis Seeds, Inc. Name of owner changed from Ciba-Geigy Corporation, Seeds Division to Novartis Seeds, Inc. 9300270 CG00653 Novartis Seeds, Inc. Name of owner changed from Ciba-Geigy Corporation, Seeds Division to Novartis Seeds, Inc. 9300271 CG00684 O7/22/1993 Novartis Seeds, Inc. 9300272 CG00685 O7/22/1993 Novartis Seeds, Inc. 9300272 CG00685 O7/22/1993 Novartis Seeds, Inc. 9300272 CG00685 O7/22/1993 Novartis Seeds, Inc.	Name of owner changed from Ciba-Geigy Corporation, Seeds Division to Novartis Seeds, Inc. Name of owner changed from Ciba-Geigy Corporation, Seeds Division to Novartis Seeds, Inc. 9300270	Name of owner changed from Ciba-Geigy Corporation, Seeds Division to Novartis Seeds. Inc. 9300269

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed. < > Identifies temporary designations.

		Inc.		Inc.		Inc.		Inc.				
NAME OF OWNER	Novartis Seeds, Inc.	sion to Novartis Seeds,	Novartis Seeds, Inc.	sion to Novartis Seeds.	Novartis Seeds, Inc.	sion to Novartis Seeds.	Novartis Seeds, Inc.	sion to Novartis Seeds.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.
APPLICATION DATE	07/22/1993	tion, Seeds Divi	07/22/1993	ion, Seeds Divi	07/22/1993	ion, Seeds Divi	07/22/1993	ion, Seeds Divi	02/09/1994	ny to Novartis	01/30/1996	ny to Novartis
GEN. (*)		Name of owner changed from Ciba-Geigy Corporation. Seeds Division to Novartis Seeds. Inc		Name of owner changed from Ciba-Geigy Corporation, Seeds Division to Novartis Seeds, Inc		Name of owner changed from Ciba-Geigy Corporation, Seeds Division to Novartis Seeds, Inc		Name of owner changed from Ciba-Geigy Corporation, Seeds Division to Novartis Seeds, Inc		Name of owner changed from Northrup King Company to Novartis Seeds, Inc.		Name of owner changed from Northrup King Company to Novartis Seeds. Inc.
VARIETY	continued) CG00712	of owner cha	CG00716	of owner cha	CG00717	of owner cha	CG00721	of owner cha	910	of owner cha	942	of owner cha
APPL. NO.	CORN, FIELD (continued) 9300274 CG00712	Name	9300275	Name (9300276	Name	9300277	Name	9400100	Name	9600116	Name

is, Inc.		is, Inc.		is, Inc.			ds, Inc.		ls, Inc.		ls, Inc.	
Novartis Seeds, Inc.	eeds, Inc.	Novartis Seeds, Inc.	eeds, Inc.	Novartis Seeds, Inc.		eeds, Inc.	Novartis Seeds, Inc.	eeds, Inc.	Novartis Seeds, Inc.	eeds, Inc.	Novartis Seeds, Inc.	eeds, Inc.
01/30/1996	y to Novartis S	01/30/1996	y to Novartis S	01/30/1996		y to Novartis S	05/11/1978	y to Novartis S	03/01/1979	y to Novartis S	03/12/1979	y to Novartis S
	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.		Name of owner changed from Northrup King Company to Novartis Seeds, Inc.		011' to 'NP2011'.	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	(3)	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	(3)	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	(3)	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.
	er changed from No		er changed from No	NP2011	Variety name changed from '2011' to 'NP2011'.	er changed from No	McNair 235	er changed from No	McNair 308	er changed from No	McNair 307	er changed from No
991	of own	993	of own	NP2	ety nam	of own	MCN	of own	MCN	of own	MCN	of own
9600117	Name	9600118	Name	9600119	Varie	Name	COTTON 7800068	Name	7900053	Name	7900059	Name

APPL. NO.	VARIETY	GEN.	APPLICATION DATE	NAME OF OWNER
FESCUE, TALL 9100153	Cambridge		03/29/1991	Olsen-Fennell Seeds, Inc.
Variet	Variety with the temporary designation <f-18> named 'Cambridge'</f-18>	on <f-18> n</f-18>	amed 'Cambridge'	
9300200	Rebel 3D		04/21/1993	Lofts Seed Company, Inc.
Name of	owner changed from Lofts See	d. Inc. to	Lofts Mergerco,	Name of owner changed from Lofts Seed, Inc. to Lofts Mergerco, Inc. to Lofts Seed Company, Inc.
9500129	Rebel III		04/10/1995	Lofts Seed Company, Inc.
Name of	owner changed from Lofts See	d. Inc. to	Lofts Mergerco,	Name of owner changed from Lofts Seed. Inc. to Lofts Mergerco, Inc. to Lofts Seed Company. Inc.
MUSKMELON 8900091	<m21></m21>		02/15/1989	Novartis Seeds, Inc.
Name of	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	King Compan	y to Novartis Se	eds, Inc.
9000034	Top Mark F.R.		11/28/1989	Novartis Seeds, Inc.
Name of	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	King Compan	y to Novartis Se	eds, Inc.
ORCHARDGRASS 7600069	Comet		04/28/1976	Novartis Seeds, Inc.
Name of	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	King Compan	y to Novartis Se	eds, Inc.

					Inc.		Inc.		Inc.		Inc.
Novartis Seeds. Inc.	eeds, Inc.	Novartis Seeds, Inc.	eeds, Inc.	Lofts Seed Company, Inc.	Name of owner changed from Lofts Seed, Inc. to Lofts Mergerco, Inc. to Lofts Seed Company. Inc	Lofts Seed Company, Inc.	Name of owner changed from Lofts Seed, Inc. to Lofts Mergerco, Inc. to Lofts Seed Company, Inc.	Lofts Seed Company. Inc.	Name of owner changed from Lofts Seed. Inc. to Lofts Mergerco. Inc. to Lofts Seed Company. Inc	Lofts Seed Company, Inc.	Name of owner changed from Lofts Seed, Inc. to Lofts Mergerco, Inc. to Lofts Seed Company, Inc
08/25/1972	Company to Novartis S	08/25/1972	Company to Novartis S	(2) 01/28/1974	nc. to Lofts Mergerco,	06/16/1992	nc. to Lofts Mergerco.	06/16/1992	nc. to Lofts Mergerco,	06/16/1992	nc. to Lofts Mergerco.
	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	500	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.		er changed from Lofts Seed. In	Palmer II	er changed from Lofts Seed, In	Prelude II	er changed from Lofts Seed. In	Repell II	er changed from Lofts Seed, I
Eton Eton	of owne	NK 200	of owne	Syn F	of owne	Paln	of owne	Pre	of owne	Repe	of owne
RYEGRASS, PERENNIAL 7300002 Eto	Name (7300003	Name (7400057	Name (9200209	Name (9200210	Name (9200211	Name (

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed. $\ensuremath{\text{<}} > 1 \ensuremath{\text{designations}}.$

NAME OF OWNER	Lofts Seed Company, Inc.	Inc. to Lofts Seed Company, Inc.	Novartis Seeds, Inc.	eeds, Inc.	Novartis Seeds, Inc.	eeds, Inc.	Novartis Seeds, Inc.	eeds, Inc.	Novartis Seeds, Inc.
GEN. APPLICATION (*)DATE	06/16/1992	nc. to Lofts Mergerco,	06/30/1992	Company to Novartis Sa	(3) 07/25/1979	Company to Novartis S	(3) 07/25/1979	Company to Novartis S	11/06/1979
GEN. VARIETY (*)	RYEGRASS, PERENNIAL (continued) 9200212 Yorktown III	Name of owner changed from Lofts Seed. Inc. to Lofts Mergerco, Inc. to Lofts Seed Company. Inc.	R160	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	McNair 700 (3	Name of owner changed from Northrup King Company to Novartis Seeds, Inc	McNair 780 . (3	Name of owner changed from Northrup King Company to Novartis Seeds. Inc	80512
APPL.	RYEGRASS, PERE 9200212	Name o	SORGHUM 9200225	Name o	SOYBEAN 7900093	Name C	7900094	Name C	8000007

Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds. Inc.	Novartis Seeds, Inc.	sion to Novartis Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	
11/06/1979	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	11/06/1979	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	12/16/1992	Name of owner changed from Ciba-Geigy Corporation. Seeds Division to Novartis Seeds. Inc.	03/31/1994	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	03/19/1996	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	03/19/1996	Name of owner changed from Northrup King Company to Novartis Seeds. Inc	
B220	owner	B070	owner	3602	owner	S16-60	owner	808-80	owner	518-11	owner	
8000008	Name of	8000010	Name of	9300046	Name of	9400138	Name of	9600193	Name of	9600194	Name of	

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.
 > Identifies temporary designations.

APPLICATIONS AMENDED JANUARY 1, 1998 TO MARCH 31, 1998

	Inc.		Inc.		Inc.		Inc.		Inc.		Inc.	
F OWNER	Seeds.		Seeds,		Seeds,		Seeds,		Seeds,		Seeds,	
NAME OF OWNER	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc	Seeds, Inc.	Novartis Seeds, Inc	Seeds, Inc.	Novartis Seeds, Inc	Seeds, Inc.	Novartis Seeds, Inc.	
APPLICATION DATE	03/19/1996	y to Novartis	05/10/1996	y to Novartis	08/23/1996	y to Novartis	08/23/1996	y to Novartis	08/23/1996	y to Novartis	08/23/1996	
GEN.		King Compan		King Compan		King Compan		King Compan		King Compan		
		Name of owner changed from Northrup King Company to Novartis Seeds. Inc.		Name of owner changed from Northrup King Company to Novartis Seeds. Inc.		Name of owner changed from Northrup King Company to Novartis Seeds. Inc.		Name of owner changed from Northrup King Company to Novartis Seeds. Inc.		of owner changed from Northrup King Company to Novartis Seeds. Inc.		
VARIETY	nued) S23-06	f owner changed	800-55	f owner changed	S 48-14	f owner changed	S 51-00	f owner changed	S 62-62	f owner changed	S 65-50	
APPL.	SOYBEAN (continued) 9600195 S23	Name o	9600257	Name o	9600353	Name o	9600354	Name o	9600355	Name o	9600356	

Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.
08/23/1996	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	(3) 02/27/1980	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	(3) 04/03/1991	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	12/05/1989	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	12/05/1989	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	(3) 12/23/1996
9600357 S 67-70	Name of owner changed	TOBACCO 8000060 McNair 373	Name of owner changed	9100159 K149	Name of owner changed	TOMATO 9000042 90-4792	Name of owner changed	9000043 90-4794	Name of owner changed	WHEAT, COMMON 9700066 Coker 9663

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.
 > Identifies temporary designations.

	NAME OF OWNER
APPLICATION	DATE
GEN.	*
	VARIETY
APPL.	NO.

WHEAT, COMMON (continued)

Name of owner changed from Northrup King Company to Novartis Seeds, Inc.

	10/16/1989 Novartis Seeds, Inc.
	NuDura
WHEAT, DURUM	9000011

Name of owner changed from Northrup King Company to Novartis Seeds, Inc.

< > Identifies temporary designations.

^(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.

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APPLICATIONS ABANDONED, WITHDRAWN, DENIED, OR INELIGIBLE JANUARY 1, 1998 TO MARCH 31, 1998

propagation of these varieties is no longer prohibited by the U.S. Plant Variety Protection Act, varieties published in this list may possibly be protected under the Patent Act. Applications for the varieties listed below are no longer being considered for U.S. plant variety protection. Although

	VARIETY	ENVOY	Vegas	PH15A	PH19A	PH39A	PHRF1	PHNG2	PH89B	ZS01250	831B13SR	Guardian	Avanti	Cochise	Mirage	Sundowner	Grand Teton
APPLICATION	NUMBER	9400184	9500050	9600163	9600165	9600168	9600179	9600198	9600199	9600271	9600327	9000054	620006	9000078	9500270	9400275	9500045
	KIND	BEAN, FIELD	BEAN, GARDEN	CORN, FIELD	CORN, FIELD	CORN, FIELD	CORN. FIELD	CORN. FIELD	CORN. FIELD	CORN. FIELD	CORN, FIELD	FESCUE, TALL	FESCUE. TALL	FESCUE. TALL	FESCUE, TALL	LETTUCE	LETTUCE

Escort	Niner	Bismark	Ruby Gem	Focus	Patina	Goliath	Shining Star	Adela	Crystal	Hulda	Ditta	Robinta	Cyclone	A123L	Jetton	LowGrow	Magic	Target	Riviera II
9500065	9500172	9500182	9500184	9500230	9600021	9600187	8600026	9700338	9600126	9500135	9000096	9600120	9300128	9300180	9300285	9100024	9100146	9100162	9400266
LETTUCE	LETTUCE	LETTUCE	LETTUCE	LETTUCE	LETTUCE	LETTUCE	LETTUCE	LETTUCE	PEA	POTATO, IRISH	POTATO, IRISH	POTATO, IRISH	RAPE	RAPE	RAPE	RYEGRASS, PERENNIAL	RYEGRASS, PERENNIAL	RYEGRASS, PERENNIAL	RYEGRASS, PERENNIAL

CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM JANUARY 1, 1998 TO MARCH 31, 1998

ISSUE

1994 GEN.

CERT.

NAME OF OWNER	:LD J64 Raven Raven' is most similar to 'Midnight'; however, 'Raven' has the <u>bc-3</u> gene, whereas 'Midnight' lacks the <u>bc-3</u> gene.	5. VELVET 380 SR 7200 Y 01/30/1998 Seed Research of Oregon. Inc. 'SR 7200' is most similar to 'Kingstown': however. 'SR 7200' has a shorter plant height (40 vs 51cm). shorter panicle (11 vs 13cm) and narrower vegetative leaves (1.8 vs 2.6mm) than 'Kingstown'.	333 T&A Special 109A Y 02/27/1998 Tanimura & Antle. Inc. T&A Special 109A' is most similar to 'T&A Special Celery-1'; however. 'T&A SPECIAL 109A' has a shorter plant height (70 vs 30cm) with a narrower (25 vs 27mm) and thinner (9 vs 11mm) petiole than 'T&A Special Celery-1'.	145 Daybreak 'Daybreak' is most similar to 'Henry's Special'; however, 'Daybreak' has a rounder bulb shape (0.93 vs 0.85 height/diameter 'atio) than 'Henry's Special'.	02/27/1998 Seminis Vegetable Seeds, Inc. 'Hailey' is most similar to 'Epic'; however, 'Hailey' differs from 'Epic' in number of nodes to first flower (10 vs 12, respectively).
ACT (*) DATE	(2) 02/27/1998 o 'Midnight'; however, 'Raven' has the <u>bc</u> -	S, VELVET 303 SR 7200 'Y 01/30/1998 Se 'SR 7200' is most similar to 'Kingstown'; however, 'SR 7200' has a sh 13cm) and narrower vegetative leaves (1.8 vs 2.6mm) than 'Kingstown'.	333 T&A Special 109A Y 02/27/1998 Tanimura & Antle. Inc. 'T&A Special 109A' is most similar to 'T&A Special Celery-1'; however, 'T&A SPECIAL 109A' has 80cm) with a narrower (25 vs 27mm) and thinner (9 vs 11mm) petiole than 'T&A Special Celery-1'	y 01/30/1998 r to 'Henry's Special'; however, 'Daybreak ial'.	02/27/1998 to 'Epic': however, 'Hailey' differs from
NO. VARIETY	BEAN, FIELD 9500064 Raven 'Raven' is most similar to	BENTGRASS, VELVET 9500303 SR 7200 'SR 7200' is most similar 13cm) and narrower vegetat	CELERY 9700333 T&A Special 109A 'T&A Special 109A' is most 80cm) with a narrower (25	ONION 9400145 Daybreak 'Daybreak' is most similar to ratio) than 'Henry's Special'.	PEA 9400077 Hailey 'Hailey' is most similar t respectively).

	Minnesota Agricultural Experiment Station	ever, 'Toyopro' has seeds with yellow hila, and is susceptible to race 1 of	us resistance to race 1 of phytophthora.
	01/30/1998	'Toyopro' has	uff hila and ha
	Toyopro Y (2)	opro' is most similar to 'Lambert'. However,	ophthora, whereas 'Lambert' has seeds with buff hila and has resistance to
SOYBEAN	9200096	Toyo,	phyto

'CX339c' is most similar to 'CX469c'. However. 'CX339c' is a mid Maturity Group III cultivar. Whereas, 'CX469c' is a mid DEKALB Genetics Corporation 01/30/1998 Maturity Group IV cultivar. 9700180

CERTIFICATES AMENDED JANUARY 1, 1998 TO MARCH 31, 1998

The following certificates have been amended in accordance with sections 97.103, 97.122, and 97.130 of the Regulations and Rules of

Practice under	Practice under the Plant Variety Protection Act	ų.			Practice under the Plant Variety Protection Act.
CERT.	VARIETY	GEN.	ISSUE DATE	NAME OF OWNER	
ALFALFA 8200034	Spredor 2	04	04/30/1984	Novartis Seeds, Inc.	nc.
Name of	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	ng Company t	o Novartis See	ds, Inc.	
8900278	Crockett	07	07/31/1990	Novartis Seeds, Inc.	nc.
Name of	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	ng Company t	o Novartis See	ds, Inc.	
8900282	MultiKing 1	10	10/31/1990	Novartis Seeds, Inc	nc.
Name of	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	ng Company t	o Novartis See	ds, Inc.	
9200114	Viking 1	11	11/30/1993	Novartis Seeds, Inc	nc.
Name of	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	ng Company t	o Novartis See	ds, Inc.	
9400127	Spredor 3	07	07/31/1995	Novartis Seeds. Inc.	nc.
Name of	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	ng Company t	o Novartis See	ds, Inc.	

Lofts Seed Company. Inc.	nc. to'Lofts Seed Company, Inc.	Novartis Seeds, Inc.	Js. Inc.	Novartis Seeds, Inc.	Js, Inc.	Novartis Seeds, Inc.	Js, Inc.	Novartis Seeds. Inc.	Js. Inc.	Novartis Seeds. Inc.	ds, Inc.	
04/30/1997	Name of owner changed from Lofts Seed, Inc. to Lofts Mergerco, Inc. toʻLofts Seed Company, Inc.	(3) 06/01/1976	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	02/22/1985	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	(3) 02/22/1985	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	02/22/1985	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	02/22/1985	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	
9500128 Salty	Name of own	BARLEY 7500079 Kombar	Name of own	8000088 400	Name of own	8000089 409	Name of own	8100015 401	Name of own	8200039 425	Name of own	

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations

of certified seed permitted beyond breeder's seed. $\ensuremath{\text{<}} > 1 \ensuremath{\text{designations}}.$

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ALKALIGRASS, WEEPING

CERTIFICATES AMENDED JANUARY 1, 1998 TO MARCH 31, 1998

				Curti					
Seeds, Inc.		ed Company, Inc.	ofts Seed Company, Inc.	ed Company, Inc. and B. C	ofts Seed Company, Inc.	ed Company. Inc.	ofts Seed Company, Inc.	ed Company, Inc.	ofts Seed Company, Inc.
Novartis	eeds, Inc.	Lofts See	Inc. to Lo	Lofts See	Inc. to Lo	Lofts See	Inc. to Lo	Lofts See	Inc. to Lo
04/30/1986	npany to Novartis S	10/31/1994	to Lofts Mergerco,	03/15/1979	to Lofts Mergerco.	05/27/1982	to Lofts Mergerco,	07/21/1983	to Lofts Mergerco,
	ng Com		Inc.	(3)	Inc.	(2)	Inc.		Inc.
	r changed from Northrup Ki	HSHORE	r changed from Lofts Seed,	1	er changed from Lofts Seed.	ijc	er changed from Lofts Seed,	getown	Name of owner changed from Lofts Seed, Inc. to Lofts Mergerco, Inc. to Lofts Seed Company. Inc
10ed) 560	of owne	SOUT	of owne	TUCKY Ram	of owne	Myst	of owne	Geor	of owne
BARLEY (contir 8300110	Name (BENTGRASS, CRE 9200256	Name o	BLUEGRASS, KEN 7800069	Name (8100157	Name (8200187	Name (
	inued) 560	04/30/1986 ner changed from Northrup King Company to Novartis See) ner changed from Northrup King Company to Novartis See	04/30/1986 er changed from Northrup King Company to Novartis See HSHORE 10/31/1994 er changed from Lofts Seed, Inc. to Lofts Mergerco, I	BARLEY (continued) 8300110 560 Novartis Seeds. Inc. Name of owner changed from Northrup King Company to Novartis Seeds. Inc. BENTGRASS, CREEPING 9200256 SOUTHSHORE Name of owner changed from Lofts Seed, Inc. to Lofts Mergerco, Inc. to Lofts Seed Company, Inc. BLUEGRASS, KENTUCKY 7800069 Ram I (3) 03/15/1979 Lofts Seed Company, Inc. and B. Curti	04/30/1986 er changed from Northrup King Company to Novartis See HSHORE 10/31/1994 er changed from Lofts Seed. Inc. to Lofts Mergerco. I 3 03/15/1979 er changed from Lofts Seed. Inc. to Lofts Mergerco. I	04/30/1986 er changed from Northrup King Company to Novartis See HSHORE 10/31/1994 er changed from Lofts Seed. Inc. to Lofts Mergerco. I (3) 03/15/1979 er changed from Lofts Seed. Inc. to Lofts Mergerco. I cic (2) 05/27/1982	04/30/1986 er changed from Northrup King Company to Novartis See HSHORE 10/31/1994 er changed from Lofts Seed, Inc. to Lofts Mergerco, I 1 (3) 03/15/1979 er changed from Lofts Seed, Inc. to Lofts Mergerco, I sic (2) 05/27/1982 er changed from Lofts Seed, Inc. to Lofts Mergerco, I	04/30/1986 er changed from Northrup King Company to Novartis See HSHORE 10/31/1994 er changed from Lofts Seed. Inc. to Lofts Mergerco. I changed from Lofts Seed. Inc. to Lofts Mergerco. I cic (2) 05/27/1982 er changed from Lofts Seed. Inc. to Lofts Mergerco. I getown

S

8400005	Nassau	12/21/1984	Lofts Seed Company. Inc. and Jacklin Seed Company
Name (Name of owner changed from Lofts Seed, Inc. to Lofts Mergerco. Inc. to Lofts Seed Company, Inc.	to Lofts Mergerco.	Inc. to Lofts Seed Company, Inc.
8800072	Suffolk	05/31/1988	, Lofts Seed Company, Inc. & Jacklin Seed Company
Name (Name of owner changed from Lofts Seed, Inc. to Lofts Mergerco, Inc. to Lofts Seed Company, Inc.	to Lofts Mergerco,	Inc. to Lofts Seed Company, Inc.
8800230	Lofts 1757 (3)	09/30/1992	Lofts Seed Company, Inc.
Name (Name of owner changed from Lofts Seed, Inc. to Lofts Mergerco, Inc. to Lofts Seed Company, Inc.	to Lofts Mergerco,	Inc. to Lofts Seed Company, Inc.
BLUEGRASS, ROUGH 8900288	JGH Laser	10/31/1991	Lofts Seed Company. Inc.
Name (Name of owner changed from Lofts Seed, Inc. to Lofts Mergerco, Inc. to Lofts Seed Company, Inc.	to Lofts Mergerco,	Inc. to Lofts Seed Company. Inc.
CLOVER, RED 7700013	Florex	05/18/1978	Novartis Seeds, Inc.
Name (Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	mpany to Novartis Sa	eds, Inc.
7900041	Tristan (2)	03/26/1981	Novartis Seeds, Inc.
Name o.	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	pany to Novartis Se	ds, Inc.
8700036	764	06/30/1987	Novartis Seeds, Inc.
Name (Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	npany to Novartis Se	eds. Inc.

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.

< > Identifies temporary designations.

CERTIFICATES AMENDED JANUARY 1, 1998 TO MARCH 31, 1998

NAME OF OWNER	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds. Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.
. APPLICATION DATE	08/31/1987	ompany to Novartis	06/30/1987	ompany to Novartis	06/30/1987	ompany to Novartis	04/29/1988	ompany to Novartis	06/30/1988	ompany to Novartis	03/31/1989	ompany to Novartis
GEN.		Name of owner changed from Northrup King Company to Novartis Seeds, Inc		Name of owner changed from Northrup King Company to Novartis Seeds. Inc		Name of owner changed from Northrup King Company to Novartis Seeds. Inc.		Name of owner changed from Northrup King Company to Novartis Seeds. Inc		Name of owner changed from Northrup King Company to Novartis Seeds. Inc.		Name of owner changed from Northrup King Company to Novartis Seeds. Inc
VARIETY	779	of owner	778	of owner	794	of owner	807	of owner	740	of owner	787	of owner
APPL. NO.	CORN, FIELD 8700041	Name	8700045	Name	8700046	Name	8700151	Name	8800028	Name	8800029	Name

Inc.		Inc.		Inc.		Inc.		Inc.		Inc.	
Seeds,		Seeds,		Seeds,		Seeds,		Seeds,		Seeds.	
Novartis Seeds, Inc.	Seeds, Inc,	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc	Seeds, Inc.	Novartis Seeds, Inc	Seeds, Inc.	Novartis Seeds. Inc	
08/31/1988	Name of owner changed from Northrup King Company to Novartis Seeds. Inc,	08/31/1988	Name of owner changed from Northrup King Company to Novartis Seeds. Inc	03/31/1989	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	11/30/1988	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	11/30/1988	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	06/30/1987	
790	f owner	793	f owner	W8304	f owner	H8431	f owner	58324	f owner	764	
8800030	Name o	8800031	Name o	8800032	Name o	8800152	Name o	8800153	Name o	8700036	

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< > Identifies temporary designations.

CERTIFICATES AMENDED JANUARY 1, 1998 TO MARCH 31, 1998

NAME OF OWNER	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	
APPLICATION DATE	11/30/1988	ny to Novartis	09/28/1990	ny to Novartis	09/28/1990	ny to Novartis	10/31/1990	iny to Novartis	05/29/1992	iny to Novartis	
GEN.		up King Compa		up King Compa		up King Compa		up King Compa		up King Compa	
VARIETY	CORN, FIELD (continued) 8800154 S8326	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	38606	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	W8555	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	E8501	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	BCC03	Name of owner changed from Northrup King Company to Novartis Seeds. Inc	
APPL. NO.	CORN, FIELD 8800154	Nam	8900226	Nam	8900227	Nam	8900233	Nam	9100002	Nam	

11/30/1992 Novartis Seeds, Inc.

Name of owner changed from Northrup King Company to Novartis Seeds, Inc.

911

9200012

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Inc.		Inc.		Inc.		Inc.		Inc.
seeds.		seeds,		seeds.		Seeds, Inc		seeds.
Novartis Seeds, Inc	Seeds, Inc,	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis S	Seeds, Inc.	Novartis Seeds, Inc
11/30/1992	Name of owner changed from Northrup King Company to Novartis Seeds. Inc,	07/31/1992	Name of owner changed from Northrup King Company to Novartis Seeds. Inc	03/31/1995	Name of owner changed from Northrup King Company to Novartis Seeds, Inc	08/31/1994	Name of owner changed from Northrup King Company to Novartis Seeds. Inc	08/31/1994
912	f owner	904	f owner	206	f owner	899	f owner	901
9200013	Name o	9200123	Name o	9400064	Name o	9400106	Name o	9400107

Name of owner changed from Northrup King Company to Novartis Seeds, Inc.

Name of owner changed from Northrup King Company to Novartis Seeds, Inc.

Novartis Seeds, Inc.

07/31/1996

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9400279

^(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed. < > Identifies temporary designations.

JANUARY 1, 1998 TO MARCH 31, 1998 CERTIFICATES AMENDED

NAME OF OWNER	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds. Inc.	Seeds, Inc.	Lofts Seed Company, Inc.	. Inc. to Lofts Seed Company, Inc.	Lofts Seed Company, Inc.	, Inc. to Lofts Seed Company, Inc.	Lofts Seed Company, Inc.
APPLICATION DATE	08/29/1997	pany to Novartis	03/26/1984	pany to Novartis	08/31/1995	to Lofts Mergerco	02/28/1983	to Lofts Mergerco	05/14/1981
GEN. VARIETY (*)	(continued) 982	Name of owner changed from Northrup King Company to Novartis Seeds. Inc	Big Boy Purplehull	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	INGS Jamestown II	Name of owner changed from Lofts Seed. Inc. to Lofts Mergerco. Inc. to Lofts Seed Company. Inc	Reliant	Name of owner changed from Lofts Seed, Inc. to Lofts Mergerco, Inc. to Lofts Seed Company. Inc	Rebel
APPL. NO.	CORN, FIELD (continued) 9600035 982	Name	COWPEA 8200040	Name	FESCUE, CHEWINGS 9100254	Name	FESCUE, HARD 8200168	Name	FESCUE, TALL 8000153

Name of owner changed from Lofts Seed. Inc. to Lofts Mergerco, Inc. to Lofts Seed Company. Inc.

	Inc.		Inc.		Inc.		Inc.				
Lofts Seed Company, Inc.	Inc. to Lofts Seed Company.	Lofts Seed Company, Inc.	Inc. to Lofts Seed Company,	Lofts Seed Company, Inc.	Inc. to Lofts Seed Company,	Lofts Seed Company, Inc.	Inc. to Lofts Seed Company.	Novartis Seeds, Inc.	eeds, Inc.	Novartis Seeds, Inc.	
02/28/1983	Name of owner changed from Lofts Seed. Inc. to Lofts Mergerco, Inc. to Lofts Seed Company. Inc	01/15/1988	Name of owner changed from Lofts Seed. Inc. to Lofts Mergerco. Inc. to Lofts Seed Company. Inc.	02/28/1990	Name of owner changed from Lofts Seed. Inc. to Lofts Mergerco. Inc. to Lofts Seed Company. Inc.	11/30/1992	Name of owner changed from Lofts Seed, Inc. to Lofts Mergerco, Inc. to Lofts Seed Company. Inc	04/28/1983	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	07/21/1983	
Clemfine	owner changed	Rebel II	owner changed	Tribute	owner changed	Rebel Jr.	owner changed	Marathon	owner changed	Musketeer	
8200175	Name of	8700195	Name of	8800235	Name of	9000240	Name of	MUSKMELON 8200089	Name of	8200138	

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< > Identifies temporary designations.

		Inc.		Inc.		Inc.		Inc.		Inc	
NAME OF OWNER		Seeds.		Seeds.		Seeds,		Seeds.		Seeds.	
NAME 0		Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds. Inc.	Novartis Seeds, Inc.	Seeds. Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds. Inc	Seeds, Inc.
APPLICATION DATE		10/20/1977	ny to Novartis	10/26/1977	ny to Novartis	04/12/1979	ny to Novartis	12/28/1978	ny to Novartis	08/19/1982	ny to Novartis
GEN.		(3)	King Compa		King Compa	(3)	King Compa	(3)	King Compa	(3)	King Compa
VARIETY		Coker 227	Name of owner changed from Northrup King Company to Novartis Seeds. Inc	Coker 234	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	Four Twenty Two	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	Coker 716	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	Big Mac	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.
APPL.		7500007	Name of	7500008	Name of	7700085	Name of	7900003	Name of	8200121	Name of
	DAT										

Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds. Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	
Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	(3) 06/30/1987	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	10/31/1986	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	12/07/1977	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	12/28/1978	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	
owner changed	Coker 820	owner changed	Prelude	owner changed	Orbit	owner changed	Lei-Choi	owner changed	
Name of	8400059	Name of	OKRA 8600117	Name of	ORCHARDGRASS 7600070	Name of	PAK-CHOI 7605009	Name of	

Novartis Seeds, Inc.

08/19/1982

(3)

Mesquite

8200122

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed. < > Identifies temporary designations.

NAME OF OWNER	Novartis Seeds, Inc.	seeds, Inc.	Novartis Seeds. Inc.	seeds, Inc.	Lofts Seed Company. Inc.	. Inc. to Lofts Seed Company, Inc.	Lofts Seed Company. Inc.	. Inc. to Lofts Seed Company, Inc.	Lofts Seed Company, Inc.	. Inc. to Lofts Seed Company. Inc.
APPLICATION DATE	02/22/1985	umpany to Novartis S	11/26/1982	umpany to Novartis S	07/19/1976	to Lofts Mergerco.	05/14/1976	to Lofts Mergerco.	05/01/1980	to Lofts Mergerco.
GEN.	Jupiter	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	Red Baron	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	WIAL Diplomat (2)	Name of owner changed from Lofts Seed. Inc. to Lofts Mergerco. Inc. to Lofts Seed Company, Inc.	Yorktown (2)	Name of owner changed from Lofts Seed. Inc. to Lofts Mergerco, Inc. to Lofts Seed Company. Inc.	Yorktown II (2)	Name of owner changed from Lofts Seed, Inc. to Lofts Mergerco. Inc. to Lofts Seed Company. Inc.
APPL. NO.	PEPPER 8400065	Name of	RADISH 8100037	Name of	RYEGRASS, PERENNIAL 7400055 Dip	Name of	7400056	Name of	7800001	Name of

Lofts Seed Company, Inc.	Name of owner changed from Lofts Seed, Inc. to Lofts Mergerco, Inc. to Lofts Seed Company. Inc.	Lofts Sped Company, Inc.	Name of owner changed from Lofts Seed, Inc. to Lofts Mergerco, Inc. to Lofts Seed Company, Inc.	Lofts Seed Company. Inc.	Name of owner changed from Lofts Seed. Inc. to Lofts Mergerco. Inc. to Lofts Seed Company. Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Nóvartis Seeds, Inc.
05/31/1984	. to Lofts Mergerco.	05/31/1984	. to Lofts Mergerco.	11/29/1985	. to Lofts Mergerco,	05/29/1992	ompany to Novartis S	05/29/1992	ompany to Novartis S	09/06/1973
nde	r changed from Lofts Seed, Inc	er	r changed from Lofts Seed, Inc	11	r changed from Lofts Seed, Inc		Name of owner changed from Northrup King Company to Novartis Seeds. Inc.		Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	Coker Hampton 266A (3)
Prelude	of owne	Palmer	of owne	Repel	of owne	R159	of owne	R145	of owne	Coke
8200177	Name	8200178	Name	8400148	Name	SORGHUM 8900258	Name	8900283	Name	SOYBEAN 7100022

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed. $\ensuremath{\mathsf{<}}\xspace > 1 \ensuremath{\mathsf{designations}}\xspace.$

NAME OF OWNER	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.
APPLICATION DATE	04/10/1974	any to Novartis	02/26/1974	any to Novartis	10/30/1974	any to Novartis	02/26/1974	any to Novartis	10/18/1973	any to Novartis	10/29/1976	any to Novartis
GEN. (*)	(3)	Name of owner changed from Northrup King Company to Novartis Seeds. Inc	(3)	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.		Name of owner changed from Northrup King Company to Novartis Seeds. Inc	(3)	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	(3)	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	(3)	Name of owner changed from Northrup King Company to Novartis Seeds. Inc
VARIETY	McNair 800	owner changed from	McNair 600	owner changed from	Mitchell	owner changed from	S 1474	owner changed from	Coker 136	owner changed from	Coker 338	owner changed from
APPL. NO.	SOYBEAN 7100042	Name of	7100075	Name of	7300054	Name of	7300085	Name of	7300091	Name of	7400058	Name of

Inc.		Inc.		Inc.		Inc.		Inc.
Seeds.		Seeds.		Seeds.		Seeds.		Seeds.
Novartis Seeds, Inc	Seeds, Inc.	Novartis Seeds. Inc.	Seeds, Inc.	Novartis Seeds. Inc	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.
12/12/1975	any to Novartis	09/29/1976	any to Novartis	01/28/1977	any to Novartis	03/05/1976	any to Novartis	12/12/1975
	Name of owner changed from Northrup King Company to Novartis Seeds. Inc	(3)	Name of owner changed from Northrup King Company to Novartis Seeds. Inc	(3)	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	(3)	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	(3)
S	changed	10	changed	64	changed		changed	
RA-526	of owner	S 1346	of owner	S 1244	of owner	B 216	of owner	B 186
7500067	Name (7500085	Name c	7500086	Name c	7500087	Name c	7500088

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed. < > Identifies temporary designations.

Novartis Seeds, Inc.

09/29/1976

(3)

Lancer

7600044

Name of owner changed from Northrup King Company to Novartis Seeds, Inc.

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CERTIFICATES AMENDED JANUARY 1, 1998 TO MARCH 31, 1998

NAME OF OWNER	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.
APPLICATION DATE	09/29/1976	any to Novartis	05/11/1978	any to Novartis	02/15/1977	any to Novartis	09/28/1977	any to Novartis	06/22/1978	any to Novartis	06/22/1978
GEN. (*)	(3)	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.		Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	(3)	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	(3)	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.		Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	
VARIETY	Led) S 1492	owner changed	RA-501A	owner changed	McNair 500	owner changed	S1578	owner changed	RA-401	owner changed	RA-601
APPL.	SOYBEAN (continued) 7600066 S 1	Name of	7605006	Name of	7605016	Name of	7700078	Name of	7800030	Name of	7800031

												A number within parenthesis indicates the number of generations
Inc.		Inc.		Inc.		Inc.		Inc.		Inc.		ithesis ind
Novartis Seeds, Inc.	Seeds, Inc.	Novartis, Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	number within paren						
07/13/1978	any to Novartis	07/13/1978	any to Novartis	02/15/1979	any to Novartis	12/21/1978	any to Novartis	02/15/1979	any to Novartis	03/01/1979	any to Novartis	tified seed. A
(3)	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	(3)	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	(3)	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	(3)	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.		Name of owner changed from Northrup King Company to Novartis Seeds, Inc.		Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	(*) To be sold by variety name only as a class of certified seed. of certified seed permitted beyond breeder's seed. > Identifies temporary designations.
Coker 237	owner cha	Coker 488	owner cha	AP 70	owner cha	S4055	owner cha	RA-480	owner cha	RA-604	owner cha	y variet) seed per emporary
7800034	Name of	7800035	Name of	7800081	Name of	7800101	Name of	7900007	Name of	7900008	Name of	(*) To be sold by variety name only as of certified seed permitted beyon < > Identifies temporary designations

出	Novartis Seeds, Inc.		Novartis Seeds, Inc.		Novartis Seeds, Inc.		Novartis Seeds, Inc.		Novartis Seeds, Inc.		Novartis Seeds, Inc.	
F OWN	Seec		Seed		Seec		Seed		Seec		Seec	
NAME OF OWNER	artis	Inc.	artis	Inc.	artis	Inc.	artis	Inc.	artis	Inc.	artis	Inc.
Z	Nov	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	Nov	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	Nov	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	Nov	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	Nov	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	Nov	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.
NOI	6/	rtis	62	rtis 9	80	rtis 9	80	rtis 9	80	rtis 9	81	rtis §
APPLICATION DATE	11/27/1979	Nova	06/14/1979	Nova	07/10/1980	Nova	06/19/1980	Nova	07/31/1980	Nova	03/26/1981	Nova
APP	11/	iny to	/90	iny to	//0	iny to	/90	iny to	//0	iny to	03/	iny to
GEN.	(3)	Compa		Сотра	(3)	Сотра	(3)	Сотра		Сомра		Сотра
5 Y	3	King		King	e e	King	Ů.	King		King		King
		thrup		thrup		thrup		thrup		thrup		thrup
		on Nor		om Nor								
		ed fro	0	ed fro		ed fro		ed fro		ed fro		ed fro
ETY	156	chang	11 45	chang	710	change	770	chang		chang		chang
VARIETY	ued) Coker 156	wner	Mitchell 450	wner	McNair 710	wner	McNair 770	wner	S2596	wner	RA-481	wner
1	tinue C	of o	Σ	of o	Σ	of o	2	of o	S	of o	œ	of o
APPL. NO.	EAN (con 7900043	Nаme	7900046	Name	7900088	Name	7900089	Name	6000008	Name	8000054	Name
AF	SOYBEAN (continued) 7900043 Cok		79(79(79(800		800	

Inc.		Inc.		Inc.		Inc.		Inc.		Inc.		
Novartis Seeds, Inc.	Seeds, Inc.	Novartis' Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.							
07/31/1980	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	(3) 02/18/1982	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	(3) 09/24/1981	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	(3) 11/19/1981	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	04/15/1982	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	06/30/1983	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	
RA-402	f owner ch	AP 55	f owner ch	AP 71	f owner ch	Coker 317	f owner ch	RA-680	f owner ch	2400	f owner ch	
8000083	Name o	8100089	Name o	8100090	Name o	8100095	Name o	8100097	Name o	8100145	Name o	

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed. < > Identifies temporary designations.

	Inc.		Inc.		Inc.		Inc.		Inc.		Inc.	
OWNER	eeds,		eeds.		eeds.		eeds.		eeds.		eeds.	
NAME OF OWNER	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds. Inc	Seeds, Inc.
APPLICATION DATE	06/17/1982	ny to Novartis	11/26/1982	ny to Novartis	04/15/1982	ny to Novartis	03/24/1983	ny to Novartis	09/23/1982	ny to Novartis	10/28/1982	ny to Novartis
GEN.		King Compar		King Compar	(*)	King Compar		King Compar		King Compar		King Compar
VARIETY	00	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	14	of owner changed from Northrup King Company to Novartis Seeds, Inc.		Name of owner changed from Northrup King Company to Novartis Seeds. Inc.		Name of owner changed from Northrup King Company to Novartis Seeds. Inc.		Name of owner changed from Northrup King Company to Novartis Seeds. Inc.		Name of owner changed from Northrup King Company to Novartis Seeds. Inc
VA	06-60S	f owne	S40-44	f owne	TS250	f owne	B203	f owne	B242	f owne	B152	f owne
APPL. NO.	SOYBEAN (continued) 8100146 S09	Name of	8100147	Name of	8100176	Name of	8200090	Name of	8200091	Name of	8200092	Name of

Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.
4 10/28/1982	Name of owner changed from Northrup King Company to Novartis Seeds. Inc	368 (3) 08/31/1983	Name of owner changed from Northrup King Company to Novartis Seeds. Inc	2 08/31/1983	Name of owner changed from Northrup King Company to Novartis Seeds. Inc	6 10/27/1983	of owner changed from Northrup King Company to Novartis Seeds. Inc
S18-84	owner owner	Coker 368	owner owner	RA-502	if owner	RA-606	ıf owner
8200093	Name o	8200140	Name o	8200160	Name o	8200161	Name o

Name of owner changed from Northrup King Company to Novartis Seeds, Inc.

10/27/1983 Novartis Seeds, Inc.

Name of owner changed from Northrup King Company to Novartis Seeds, Inc.

RA-403

8200163

Novartis Seeds, Inc.

10/27/1983

Mitchell 410

8200162

^(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed. < > Identifies temporary designations.

	Inc.		Inc.		Inc.		Inc.		Inc.		Inc.
F OWNER	Seeds,		Seeds.		Seeds.		Seeds.		Seeds.		Seeds,
NAME OF OWNER	Novartis Seeds. Inc	seeds, Inc.	Novartis Seeds, Inc.	eeds, Inc.	Novartis Seeds, Inc.	eeds, Inc.	Novartis Seeds, Inc.	seeds, Inc.	Novartis Seeds, Inc	eeds, Inc.	Novartis Seeds, Inc.
APPLICATION DATE	10/27/1983	any to Novartis S	04/28/1983	any to Novartis S	04/30/1984	any to Novartis S	06/29/1984	any to Novartis S	04/30/1984	any to Novartis S	05/31/1985
GEN. (*)		Name of owner changed from Northrup King Company to Novartis Seeds. Inc.		Name of owner changed from Northrup King Company to Novartis Seeds. Inc.		Name of owner changed from Northrup King Company to Novartis Seeds. Inc.		Name of owner changed from Northrup King Company to Novartis Seeds, Inc.		Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	*)
VARIETY	inued) S72-60	of owner changed fro	96-698	of owner changed fro	RA-580	of owner changed fro	\$14-60	of owner changed fro	530-31	of owner changed fro	S45-01
APPL. NO.	SOYBEAN (continued) 8200164 S72	Name (8200165	Name	8300075	Name	8300088	Name	8300089	Name	8300090

Inc.		Inc.		Inc.		Inc.		Inc.		Inc.		
Seeds,		Seeds,		Seeds,		Seeds.		Seeds,		Seeds,		
Novartis Seeds, Inc	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.							
01/25/1985	any to Novartis	01/25/1985	any to Novartis	02/22/1985	any to Novartis	05/31/1985	any to Novartis	05/31/1985	any to Novartis	11/28/1986	any to Novartis	
(3)	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	(3)	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.		Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	(3)	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	(3)	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.		Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	
393	changed f	355	changed f		changed f	425	changed f	485	changed f		changed f	
Coker 393	owner	Coker 355	owner	S69-54	owner	Coker 425	owner	Coker 485	owner	\$23-03	owner	
8400018	Name of	8400019	Name of	8400064	Name of	8400077	Name of	8400078	Name of	8400120	Name of	

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.
< > Identifies temporary designations.

	Inc.		Inc.		Inc.		Inc.		Inc.		Inc.	
NAME OF OWNER	Novartis Seeds, Inc.		Novartis Seeds, Inc.		Novartis Seeds, Inc.		Novartis Seeds, Inc.		Novartis Seeds, Inc		Novartis Seeds, Inc	
NAME	Novarti	Seeds. Inc	Novarti	Seeds. Inc	Novarti	Seeds, Inc	Novarti	Seeds, Inc	Novarti	Seeds, Inc.	Novartis	
APPLICATION DATE	07/26/1985	ny to Novartis	06/28/1985	ny to Novartis	12/27/1985	ny to Novartis	08/30/1985	ny to Novartis	08/30/1985	ny to Novartis	09/30/1986	
GEN.		p King Compa		p King Compa		p King Compa		p King Compa		p King Compa		
		from Northru		from Northru		from Northru		from Northru		from Northru		
VARIETY	s39-93	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	S42-40	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	RA-451	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	RA-452	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	RA-405	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	B335	
APPL.	SOYBEAN (continued) 8400121 S39	Name o	8400122	Name o	8200008	Name o	8200008	Name o	8500010	Name o	8500116	

Inc.		Inc.		Inc.		Inc.		Inc.		Inc.	
Seeds.		Seeds.		Seeds.		Seeds.		Seeds,		Seeds,	
Novartis Seeds, Inc.	Seeds, Inç.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds. Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.
\$27-10 09/27/1985	Name of owner changed from Northrup King Company to Novartis Seeds. Inç	539-99 10/31/1985	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	542-30 10/31/1986	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	\$15-50 10/31/1985	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	8095 10/31/1985	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	524-24 10/31/1985	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.
S	of ov	Š	of ov	Š	of ov	S	of ov	B(of o	SS	of or
8500117	Name	8500118	Name	8500119	Name	8500120	Name	8500121	Name	8500122	Nате

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.
 > Identifies temporary designations.

	Inc.		Inc.		Inc.		Inc.		Inc.		Inc.	
NAME OF OWNER	Novartis Seeds, Inc.		Novartis Seeds, Inc		Novartis Seeds, Inc		Novartis Seeds, Inc.		Novartis Seeds. Inc		Novartis Seeds, Inc.	
NAME	Novarti	Seeds, Inc	Novarti	Seeds, Inc	Novarti	Seeds, Inc	Novarti	Seeds. Inc	Novarti	Seeds, Inc	Novarti	Seeds, Inc
APPLICATION DATE	02/27/1987	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	02/19/1988	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	06/30/1988	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	05/29/1987	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	05/29/1987	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	02/19/1988	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.
GEN.		King Compar		King Compar		King Compar		King Compar		King Compar		King Compar
		om Northrup		om Northrup		om Northrup		om Northrup		om Northrup		om Northrup
IETY	0	changed fr	2	changed fr		changed fr	627	changed fr	989	changed fr		changed fr
VARIETY	nued) S59-19	f owner	\$23-12	f owner	B236	f owner	Coker 627	f owner	Coker 686	f owner	8117	f owner
APPL. NO.	SOYBEAN (continued) 8600114 S59	Name of	8600145	Name of	8600146	Name of	8700001	Name of	8700035	Name of	8700110	Name of

Inc.		Inc.		Inc.		Inc.		Inc.		Inc.	
Novartis Seeds, Inc.		Novartiß Seeds, Inc.		Novartis Seeds, Inc.		Novartis Seeds, Inc.		Novartis Seeds. Inc.		Novartis Seeds. Inc	
tis S	nc.	tiß S	nc.	tis S	nc.	tis S	nc.	tis S	nc.	is Se	nc.
Novar	ids, I	Novar	ids. I	Novar	ids. I	Novar	ids, I	Novar	ids. I	lovart	ds, I
	s See	Z	s See								
1987	ovarti	1987	ovarti	1989	ovarti	1987	ovarti	1988	ovarti	1987	ovarti
12/18/1987	to Nc	12/18/1987	to Nc	02/28/1989	to Nc	12/18/1987	to NG	03/11/1988	to Nc	09/30/1987	to Nc
	mpany		mpany	_	mpany		прапу		прапу	0	прапу
	ng Col		ng Cal								
	'up Ki		'up Ki		'up Ki		up Ki		'up Ki		'up Ki
	lorthr		lorthr								
	rom ^		rom ^		rom N		rom N		rom N		rom N
	nged 1		nged 1								
27	· char	77	char	50	char	15	° char	34	° char		° char
206-57	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	S44-77	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	\$29-20	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	533-45	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	S53-34	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	6727	Name of owner changed from Northrup King Company to Novartis Seeds, Inc
	le of	0.1	le of		le of		le of	-	le of		le of
8700111	Мап	8700112	Nan	8700113	Nan	8700114	Nar	8700129	Nam	8700157	Nar

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.

< > Identifies temporary designations.

	Inc.		Inc.		Inc.		Inc.		Inc.		Inc.	
OWNER	Novartis Seeds, Inc.		Novartis Seeds, Inc		Novartis Seeds, Inc		Novartis Seeds, Inc.		Novartis Seeds, Inc		Novartis Seeds, Inc	
NAME OF OWNER	rtis S	Inc.	rtis S	Inc.	rtis S	Inc.	rtis S	Inc.	rtis S	Inc.	rtis S	Inc.
NA	Nova	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	Nova	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	Nova	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	Nova	of owner changed from Northrup King Company to Novartis Seeds. Inc.	Nova	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	Nova	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.
NOI	88	rtis S	88	rtis Si	38	rtis Si	88	rtis S	06	rtis Si	88	rtis S
APPLICATION DATE	03/31/1988	Noval	12/30/1988	Noval	11/30/1988	Noval	11/30/1988	Noval	07/31/1990	Noval	11/30/1988	Noval
APF	03/	any to	12/	any to	11/	any to	11,	any to	07,	any to	11/	any to
GEN.		g Comp		д Сотр		g Comp		д Сотр		д Сотр		g Comp
		up Kin		up Kin		up Kin		up Kin		up Kin		up Kin
		Vorthr		Vorthr		Vorthr		Vorthr		Vorthr		Vorthr
		from		from		from 1		from		from		from
>-		anged		langed		langed		anged		anged		anged
VARIETY	6738	ner ch	6847	ner ch	S74-40	ner ch	S61-10	mer ch	536-36	ner ch	S34-19	mer ch
1	inued 67	of ow	89	of ow	S7	of ow	Se Se	of ow	S3	of ow	S3	of ow
APPL. NO.	EAN (cont 8700158	Name	8800127	Name	8800140	Name	8800141	Name	8800142	Name	8800143	Name
A -	SOYBEAN (continued) 8700158 673		88(88(88(88(88(

Inc.		Inc.		Inc.		Inc.		Inc.		Inc.	
Seeds,		Seeds.		Seeds.		Seeds.		Seeds.		Seeds.	
Novartis Seeds. Inc	Seeds, Inc.	Novarti⁄s Seeds, Inc	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc	Seeds, Inc.	Novartis Seeds. Inc	Seeds, Inc.	Novartis Seeds. Inc	Seeds, Inc.
8 11/30/1988	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	6 11/30/1988	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	.0 03/29/1991	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	8 03/29/1991	Name of owner changed from Northrup King Company to Novartis Seeds. Inc	0 03/29/1991	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	6 03/29/1991	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.
\$21-98	owner	826-06	owner	S07-80	owner	\$17-18	owner	\$19-90	owner	\$20-26	owner
8800144	Name of	8800145	Name of	8900209	Name of	8900210	Name of	8900211	Name of	8900212	Name of

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.
 > Identifies temporary designations.

APPL. NO. V	VARIETY	GEN.	APPLICATION DATE	NAME OF OWNER	
8900213	S30-41		03/29/1991	Novartis Seeds. Inc	Inc.
Name o	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	King Company	to Novartis	Seeds, Inc.	
8900214	S31-33		09/30/1991	Novartis Seeds, Inc	Inc.
Name o	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	King Company	to Novartis	Seeds. Inc.	
8900215	S42-50		03/29/1991	Novartis Seeds, Inc.	Inc.
Name o	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	King Company	to Novartis	Seeds. Inc.	
8900284	6925		09/30/1991	Novartis Seeds, Inc.	Inc.
Name o	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	King Company	to Novartis	Seeds, Inc.	
8900291	6955		04/30/1991	Novartis Seeds, Inc.	Inc.
Name o	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	King Company	to Novartis	Seeds, Inc.	
8900292	6995		04/30/1991	Novartis Seeds, Inc.	Inc.
Name o	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	King Company	to Novartis	Seeds, Inc.	

												A number within parenthesis indicates the number of generations
Novartis Seeds, Inc.		Novartís Seeds. Inc.		Novartis Seeds, Inc.		n parenthes						
Novartis	Seeds, Inc.	Novartís	Seeds, Inc.	Novartis	Seeds, Inc.	number withi						
01/31/1992	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	12/31/1991	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	12/31/1991	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	07/31/1992	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	03/31/1992	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	07/29/1994	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	s a class of certified seed. I breeder's seed.
S20-20	owner changed	\$25-15	owner changed	S28-18	owner changed	\$29-39	owner changed	\$43-34	owner changed	800-88	owner changed	by variety nam d seed permitt temporary desi
9000163	Name of	9000164	Name of	9000165	Name of	9000166	Name of	9000167	Name of	9000262	Name of	<pre>(*) To be sold by variety name only as of certified seed permitted beyonc < > Identifies temporary designations</pre>

57

										nc .	
NAME OF OWNER	Novartis Seèds, Inc.		Novartis Seeds, Inc.		Novartis Seeds, Inc.		Novartis Seeds, Inc.		Novartis Seeds, Inc.	artis Seeds, I	Novartis Seeds, Inc.
İ	Novartis	s Seeds, Inc.	Novartis	s Seeds, Inc.	Novartis	s Seeds, Inc.	Novartis	s Seeds, Inc.	Novartis	vision to Nova	Novartis
APPLICATION DATE	03/31/1992	any to Novarti	02/28/1992	any to Novarti	08/31/1992	any to Novarti	08/31/1992	any to Novarti	08/31/1992	cion, Seeds Di	11/30/1992
GEN. (*)		Name of owner changed from Northrup King Company to Novartis Seeds. Inc.		Name of owner changed from Northrup King Company to Novartis Seeds. Inc.		Name of owner changed from Northrup King Company to Novartis Seeds, Inc.		Name of owner changed from Northrup King Company to Novartis Seeds. Inc.		Name of owner changed from Ciba-Geigy Corporation, Seeds Division to Novartis Seeds, Inc.	
VARIETY	i nued) S83-30	of owner changed	848-84	of owner changed	S64-23	of owner changed .	S61-89	of owner changed	3615	of owner changed	533-32
APPL. NO.	SOYBEAN (continued) 9000263 S83	Name	9000264	Name	9000265	Name	9000566	Name	9100131	Name	9200003

9200004 S39-11 11/30/1992 Novartis Seeds, Inc. Name of owner changed from Northrup King Company to Novartis Seeds, Inc. 11/30/1992 Novartis Seeds, Inc. 11/30/1992 Novartis Seeds, Inc. 9200112 S59-60 08/31/1994 Novartis Seeds, Inc. 9200118 S12-22 09/30/1994 Novartis Seeds, Inc. Name of owner changed from Northrup King Company to Novartis Seeds, Inc. Name of owner changed from Northrup King Company to Novartis Seeds, Inc. Name of owner changed from Northrup King Company to Novartis Seeds, Inc. 9200169 S24-92 09/30/1994 Novartis Seeds, Inc. Name of owner changed from Northrup King Company to Novartis Seeds, Inc. Name of S25-07 09/30/1994 Novartis Seeds, Inc.											
9200004 S39-11 11/30/1992 Name of owner changed from Northrup King Company to Novartis 9200036 3311 11/30/1992 Name of owner changed from Ciba-Geigy Corporation. Seeds Div- 9200112 S59-60 08/31/1994 Name of owner changed from Northrup King Company to Novartis 9200168 S12-22 09/30/1994 Name of owner changed from Northrup King Company to Novartis 9200169 S24-92 09/30/1994 Name of owner changed from Northrup King Company to Novartis 9200170 S25-07 09/30/1994	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	ision to Novartis Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.
9200004 S39-11 Name of owner changed 9200036 3311 Name of owner changed 9200112 S59-60 Name of owner changed 9200168 S12-22 Name of owner changed 9200169 S24-92 Name of owner changed	11/30/1992	i from Northrup King Company to Novartis	11/30/1992	l from Ciba-Geigy Corporation. Seeds Divi	08/31/1994	i from Northrup King Company to Novartis	09/30/1994	I from Northrup King Company to Novartis	09/30/1994	I from Northrup King Company to Novartis	09/30/1994
9200004 Name of 9200036 Name of 9200112 Name of 9200168 Name of 9200169	539-11	owner change	3311	owner change	859-60	owner change	\$12-22	owner change	S24-92	owner change	S25-07
	9200004	Name of	9200036	Name of	9200112	Name of	9200168	Name of	9200169	Name of	9200170

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.

< > Identifies temporary designations.

NAME OF OWNER	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	sion to Novartis Seeds, Inc.	Novartis Seeds, Inc.	sion to Novartis Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.
. APPLICATION DATE	09/30/1994	ompany to Novartis	10/31/1994	ompany to Novartis	09/30/1994	ompany to Novartis	11/30/1994	oration, Seeds Divi	11/30/1994	oration, Seeds Divi	10/31/1994	ompany to Novartis
GEN.	ued) S28-01	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	S35-35	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	538-83	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	3172	Name of owner changed from Ciba-Geigy Corporation, Seeds Division to Novartis Seeds, Inc	3202	Name of owner changed from Ciba-Geigy Corporation. Seeds Division to Novartis Seeds. Inc	S46-44	Name of owner changed from Northrup King Company to Novartis Seeds. Inc
APPL. NO.	SOYBEAN (continued) 9200171 S28	Name of	9200172	Name of	9200173	Name of	9200174	Name of	9200175	Name of	9300018	Name of

10/31/1994 Novartis Seeds, Inc.	artis Seeds, Inc.	995 Novartis'Seeds, Inc.	artis Seeds, Inc.	995 Novartis Seeds, Inc.	artis Seeds, Inc.	997 Novartis Seeds, Inc.	artis Seeds, Inc.	995 Novartis Seeds, Inc.	artis Seeds, Inc.	995 Novartis Seeds, Inc.	artis Seeds, Inc.
	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	542-32 08/31/1995	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	S30-06 08/31/1995	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	S75-55 05/30/1997	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	809-95 10/31/1995	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	S29-11 10/31/1995	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.
9300019 \$62-66	Name of	9300184	Name of	9300185	Name of	9400012	Name of	9400137	Name of	9400139	Name of

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 > Identifies temporary designations.

DWNER	eds. Inc		eds, Inc		eds, Inc		eds, Inc		eds, Inc		eds. Inc
NAME OF OWNER	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.
APPLICATION DATE	10/31/1995	y to Novartis	10/31/1995	y to Novartis	10/31/1995	y to Novartis	10/31/1995	y to Novartis	10/31/1995	y to Novartis	08/30/1996
GEN. (*)_		Name of owner changed from Northrup King Company to Novartis Seeds, Inc.		Name of owner changed from Northrup King Company to Novartis Seeds. Inc.		Name of owner changed from Northrup King Company to Novartis Seeds. Inc.		Name of owner changed from Northrup King Company to Novartis Seeds. Inc.		Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	
VARIETY	s39-41	owner chan	S42-60	owner chan	S52-25	owner chan	S57-11	owner chan	06-998	owner chan	99-008
APPL. NO.	SOYBEAN (continued) 9400140 S39	Name of	9400141	Name of	9400163	Name of	9400164	Name of	9400165	Name of	9500190

Novartis Seeds, Inc.		Novartjs Seeds, Inc.		Novartis Seeds, Inc.		Novartis Seeds, Inc.
Novarti	s Seeds. Inc	Novartj	s Seeds. Inc	Novarti	s Seeds. Inc	Novarti
08/30/1996	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	. 06/30/1997	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	3 08/30/1996	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	12/31/1996
\$12-49	of owner	S20-91	of owner	\$29-18	of owner	86-658
9500191	Name	9500192	Name	9500193	Name	9500194

SUDANGRASS

Name of owner changed from Northrup King Company to Novartis Seeds. Inc.

		1
Walter K. Moss		Novartis Seeds, Inc.
<u>.</u>		Si
Iter	Ltd	vart
Ma	i.	S.
	00	
1993	Name of owner changed from Walter K. Moss to Walter Moss Seed Co., I, Ltd.	01/27/1984
09/30/1993	SS S	177/
/60	r M	01/
	alte	
	to W	
	05.5	
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	er	
	Walt	
	rom	
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	hang	2B
WKM III	er c	SS405B
	OWI	
113	o of	132
300013	Name	LOWER 8300132
01		SUNFLOWER 83001
		0,

Name of owner changed from Northrup King Company to Novartis Seeds. Inc.

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.

CERTIFICATES AMENDED JANUARY 1, 1998 TO MARCH 31, 1998

	Inc.		Inc.		Inc.		Inc.		Inc.		Inc.	
OWNER	Seeds,		Seeds,		Seeds.		Seeds,		Seeds.		Seeds,	
NAME OF OWNER	Novartis Seeds, Inc	Seeds, Inc.	Novartis Seeds, Inc	Seeds, Inc.	Novartis Seeds, Inc	Seeds, Inc.	Novartis Seeds, Inc	Seeds, Inc.	Novartis Seeds, Inc	Seeds, Inc.	Novartis Seeds, Inc	Seeds, Inc.
APPLICATION DATE	10/27/1976	ny to Novartis	10/27/1976	ny to Novartis	03/18/1977	ny to Novartis	10/27/1976	ny to Novartis	09/20/1978	ny to Novartis	02/18/1982	ny to Novartis
GEN.	(3)	King Compa	(3)	King Compa	(3)	King Compa	(*)	King Compa	(3)	King Compa	(*)	King Compa
ETY	347	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	411	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	. 944	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	86	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	48	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	51	Name of owner changed from Northrup King Company to Novartis Seeds, Inc
VARIETY	Coker 347	f owner	Coker 411	f owner	McNair 944	f owner	Coker 86	if owner	Coker 48	if owner	Coker 51	if owner
APPL. NO.	T0BACC0 7200022	Name o	7200023	Name o	7400035	Name o	7600004	Name o	7800008	Name o	8100048	Name o

s, Inc.		s, Inc.		s, Inc.		s, Inc.		ds, Inc.		s, Inc.	
Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.
07/15/1982	bany to Novartis	09/29/1983	pany to Novartis	03/26/1984	pany to Novartis	04/30/1986	pany to Novartis	08/31/1987	pany to Novartis	09/30/1987	pany to Novartis
(*)	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	(3)	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	(*)	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	(3)	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	(*)	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	(1)	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.
	chang	176	chang		chang	206	chang		chang	Coker 371 Gold	chang
K399	of owner	Coker 176	of owner	K326	of owner	Coker 206	of owner	K394	of owner	Coker	of owner
8200001	Name (8300026	Name (8300070	Name	8500040	Name	8700040	Name	8700049	Name

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.
 > Identifies temporary designations.

NAME OF OWNER	Novartis Seeds, Inc.	eds, Inc.	Novartis Seeds, Inc.	eds, Inc.	Novartis Seeds, Inc.	eds, Inc.	Novartis Seeds, Inc.	eds, Inc.	Novartis Seeds, Inc.	eds, Inc.
APPLICATION DATE	08/31/1987	ny to Novartis Se	06/30/1988	ny to Novartis Se	10/31/1990	ny to Novartis Se	10/31/1994	ny to Novartis Se	09/30/1994	ny to Novartis Se
GEN.		King Compa	*	King Compa	*	King Compa	(3)	King Compa	(3)	King Compa
VARIETY	7	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	0.	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	80	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	9.	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	0.	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.
APPL. V	TOBACCO (continued) 8700120 K317	Name of own	8800070 K340	Name of own	8900079 K358	Name of own	9100160 K346	Name of own	9400102 K730	Name of own
4	TOBACC 87		88		89		91		94	

Novartis Seeds, Inc.

06/30/1986

Charleston Elite

WATERMELON 8500077 Name of owner changed from Northrup King Company to Novartis Seeds, Inc.

Sunsweet of owner changed from Nor Coker 68-15 Coker 68-19 Cowner changed from Nor McNair 4823								tis See
Sunsweet of owner changed from Nor Coker 68-15 Coker 68-19 Cowner changed from Nor McNair 4823	Inc.		Inc.		Inc.		Inc.	to Novar
Sunsweet of owner changed from Nor Coker 68-15 Coker 68-19 Cowner changed from Nor McNair 4823	Seeds,		Seeds,		Seeds,		Seeds,	mpany.
Sunsweet of owner changed from Nor Coker 68-15 Coker 68-19 Cowner changed from Nor McNair 4823	Novartis	Seeds, Inc.	Novartis	Seeds, Inc.	Novartis	Seeds, Inc.	Novartis	thrup King Co
Sunsweet of owner changed from Nor Coker 68-15 Coker 68-19 Cowner changed from Nor McNair 4823	06/30/1986	any to Novartis	03/06/1974	any to Novartis	03/06/1975	any to Novartis	04/08/1975	nanged from Nor
8600061 Sunsweet Name of owner changed 7200014 Coker 68-15 Name of owner changed 7200015 Coker 68-19 Name of owner changed 7200037 McMair 4823		from Northrup King Compa	(3)	from Northrup King Compa	(3)	from Northrup King Compa	(3)	Name of owner changed from Northrup King Company to Novartis See
8600061 Sunswe Name of owner 7200014 Coker Name of owner 7200015 Coker Name of owner 7200037 McMain	eet	changed	68-15	changed	68-19	changed	. 4823	
8600061 Name of 7200014 Name of 7200015 Name of	Sunswe	owner	Coker	owner	Coker	owner	McNair	
8600061 Name 7200014 Name 7200015 Name		of	-	of		of		
ž	8600061	Name	WHEAT, COMMON 7200014	Name	7200015	Name	7200037	

eds, Inc. Novartis Seeds, Inc. 02/26/1974 (3)

Name of owner changed from Northrup King Company to Novartis Seeds, Inc.

Novartis Seeds, Inc. 05/01/1975 (3) McNair 1813 7500006

McNair 701

7200038

Name of owner changed from Northrup King Company to Novartis Seeds, Inc

^(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed. $\ensuremath{\text{<}} > \ensuremath{\text{ Identifies temporary designations.}}$

Inc.		Inc.		Inc.		Inc.		Inc.		Inc.
s Seeds,		s Seeds,		s Seeds,		s Seeds,		s Seeds,		Novartis Seeds, Inc
Novarti	eeds, Inc	Novarti	eeds, Inc	Novarti	eeds, Inc	Novarti	eeds, Inc	Novarti	eeds, Inc	Novarti
06/30/1975	to Novartis S	09/20/1978	to Novartis S	08/10/1978	to Novartis S	02/18/1982	to Novartis S	12/10/1981	to Novartis S	12/10/1981
(3)	King Company	(3)	King Company	(3)	King Company		King Company	(3)	King Company	(3)
	from Northrup		from Northrup		from Northrup		from Northrup		from Northrup	
pa (par	changed	747	changed	. 1003	changed		changed	797	changed	762
(continu Probre	of owner	Coker	of owner	McNai	of owner	812	of owner	Coker	of owner	Coker 762
HEAT, COMMON 7500033	Name c	7605015	Name c	7700084	Name C	8000106	Name C	8000145	Name c	8000152
	N (continued) Probred (3)	(3) 06/30/1975 nged from Northrup King Company to Novartis See	(3) 06/30/1975 nged from Northrup King Company to Novartis See (3) 09/20/1978	(3) 06/30/1975 nged from Northrup King Company to Novartis See (3) 09/20/1978 nged from Northrup King Company to Novartis See	(3) 06/30/1975 nged from Northrup King Company to Novartis See (3) 09/20/1978 nged from Northrup King Company to Novartis See	(3) 06/30/1975 mged from Northrup King Company to Novartis See (3) 09/20/1978 mged from Northrup King Company to Novartis See (3) 08/10/1978 mged from Northrup King Company to Novartis See	(3) 06/30/1975 mged from Northrup King Company to Novartis See (3) 09/20/1978 mged from Northrup King Company to Novartis See (3) 08/10/1978 mged from Northrup King Company to Novartis See	mged from Northrup King Company to Novartis See (3) 09/20/1978 mged from Northrup King Company to Novartis See (3) 08/10/1978 mged from Northrup King Company to Novartis See 02/18/1982	mged from Northrup King Company to Novartis See (3) 09/20/1978 mged from Northrup King Company to Novartis See (3) 08/10/1978 mged from Northrup King Company to Novartis See (2/18/1982) mged from Northrup King Company to Novartis See (3) 12/10/1981	mged from Northrup King Company to Novartis See (3) 09/20/1978 mged from Northrup King Company to Novartis See (3) 08/10/1978 mged from Northrup King Company to Novartis See (2)/18/1982 mged from Northrup King Company to Novartis See (3) 12/10/1981

Name of Owner changed from Northrup King Company to Novartis Seeds, Inc.

0014 771 02/18/1982 Novartis Name of owner changed from Northrup King Company to Novartis Seeds. Inc. 08/19/1982 Novartis Name of owner changed from Northrup King Company to Novartis Seeds. Inc. (3) 09/27/1985 Novartis Name of owner changed from Northrup King Company to Novartis Seeds. Inc. (3) 12/31/1986 Novartis Name of owner changed from Northrup King Company to Novartis Seeds. Inc. 01/31/1985 Novartis Name of owner changed from Northrup King Company to Novartis Seeds. Inc. 0009 9227 Novartis

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.
 > Identifies temporary designations.

	Inc.		Inc.		Inc.		Inc.		Inc.		Inc.
F OWNER	Seeds,		Seeds,		Seeds,		Seeds,		Seeds,		Seeds,
NAME OF OWNER	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc	Seeds, Inc.	Novartis Seeds, Inc.
APPLICATION DATE	04/29/1988	ny to Novartis	07/29/1988	ny to Novartis	01/31/1989	ny to Novartis	12/29/1989	ny to Novartis	12/30/1988	ny to Novartis	11/30/1993
GEN.	(3)	King Compa		King Compa	(3)	King Compa	*)	King Compa	(3)	King Compa	
ETY	(pa	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.		Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	9733	Name of owner changed from Northrup King Company to Novartis Seeds, Inc.	9926	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	833	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	
VARIETY	continu 9323	owner	775	owner	Coker 9733	owner	Coker 9766	owner	Coker 833	owner	814
APPL. NO.	WHEAT, COMMON (continued) 8600010 9323	Name of	8600126	Name of	8700159	Name of	8700160	Name of	8800005	Name of	9000217

Name of owner changed from Northrup King Company to Novartis Seeds, Inc.

Inc.		Inc.		Inc.		Inc.	
Seeds,		Seeds,		Seeds,		Seeds,	
Novartis Seeds, Inc	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.	Novartis Seeds, Inc.	Seeds, Inc.
04/30/1993	to Novartis	10/29/1993	to Novartis	10/29/1993	to Novartis	10/29/1993	to Novartis
(3)	King Company	(3)	King Company	(3)	King Company	(3)	King Company
	Name of owner changed from Northrup King Company to Novartis Seeds. Inc.		Name of owner changed from Northrup King Company to Novartis Seeds, Inc.		Name of owner changed from Northrup King Company to Novartis Seeds. Inc.		Name of owner changed from Northrup King Company to Novartis Seeds. Inc
9877	changed fr	9024	changed fi	9803	changed fr	9835	changed fr
Coker 9877	owner	Coker 9024	owner	Coker 9803	owner	Coker 9835	owner
	of		of		of		0 f
9000222	Name	9100140	Name	9100141	Name	9100142	Nаme

Name of owner changed from Northrup King Company to Novartis Seeds, Inc.

Novartis Seeds, Inc.

10/29/1993

(3)

Coker 9907

9100143

^(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.

< > Identifies temporary designations.

	Inc.		Inc.		Inc.		Inc.		Inc.		Inc.
OWNER	Novartis Seeds, Inc.		Novartis Seeds, Inc		Novartis Seeds, Inc		Novartis Seeds, Inc		Novartis Seeds, Inc		Novartis Seeds, Inc
NAME OF OWNER	rtis S	Inc.	rtis S	Inc.	rtis S	Inc.	rtis S	Inc.	rtis S	Inc.	tis S
NAI	Noval	seds.	Noval	seds,	Noval	seds,	Noval	seds,	Noval	seds.	Noval
N	4	tis Se	4	tis Se	3	tis Se	4	tis Se	4	tis Se	2
APPLICATION DATE	08/31/1994	Novar	04/29/1994	Novar	11/30/1993	Novar	04/29/1994	Novar	07/29/1994	Novar	06/30/1975
APP	/80	any to	04/	any to	11/	any to	04/	any to	//0	any to	/90
GEN. (*)	(3)	Compa	(3)	Compa	(3)	Comp		Compa	(3)	Compa	(3)
0 9		p King		p King		p King		p King		p King	Ü
		orthru		orthru		orthru		orthru		orthru	
		Name of owner changed from Northrup King Company to Novartis Seeds. Inc.		Name of owner changed from Northrup King Company to Novartis Seeds. Inc.		Name of owner changed from Northrup King Company to Novartis Seeds. Inc.		of owner changed from Northrup King Company to Novartis Seeds, Inc.		Name of owner changed from Northrup King Company to Novartis Seeds. Inc.	
	. 20	. pagu	ಪ	. pagu	14	. pagu	34	. pagu	7,4	. pagu	
VARIETY	continued) Coker 9105	r chë	Coker 9543	r chê	Coker 9904	r chē	Coker 9134	r chā	Coker 9474	r chā	ura
VA	coke Coke	owne	Coke	owne	Coke	owne	Coke	owne	Coke	owne	Produra
) Z	of		of		0 f		of		0 f	
APPL. NO.	т, соммо 9200151	Name	9200152	Name	9300199	Name	9300289	Name	9400188	Name	T, DURUM 7400009
AP	WHEAT, COMMON (continued) 9200151 Coker 910		920		930		930		940		WHEAT, DURUM 7400009

Name of owner changed from Northrup King Company to Novartis Seeds, Inc.

Novartis Seeds, Inc. 11/19/1981 (3) Aldura 8000100

Name of owner changed from Northrup King Company to Novartis Seeds, Inc.

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.

< > Identifies temporary designations.

The term of protection has expired for the certificates listed below. The U.S. Plant Variety Protection Act no longer prohibits the unauthorized propagation of these varieties nor requires them to be sold by variety name only as a class of certified seed.

inder the Patent Act.	NAME OF OWNER	Germinal Holdings Ltd., U.K.	Germinal Holdings Ltd., U.K.
sibly be protected u	EXPIRATION DATE	03/24/1998	03/24/1998
However, varieties published in this list may possibly be protected under the Patent Act.	VARIETY	S Countess	Logro
However, variet	CERT.	FESCUE, CHEWINGS 8200080	FESCUE, RED 8200079

GENERAL INFORMATION ON PLANT VARIETY PROTECTION

The Plant Variety Protection Act provides patent-like protection (plant breeders' rights) for sexually (i.e., seed) and tuber reproduced plants. The variety must be distinct from all other varieties, uniform, and stable. If the variety has been sold or used in the United States for more than one year or in a foreign country for longer than four years, then the variety is ineligible for protection. Use of the variety includes selling or disposing of reproductive or harvested material of the variety or use as a parent in a first generation hybrid.

Please submit your complete application (completed and signed application form, Exhibits A,B,C, & E, seeds, and fees) to our office before the period of eligibility expires. You may choose a representative to complete and receive all paperwork on your behalf. Current costs are given in the Regulations and Rules of Practice (Section 97.175) and on the application form.

To obtain copies of application forms, the Plant Variety Protection Act and its Regulations and Rules of Practice, please send a request including the crop type to: Plant Variety Protection Office, 10301 Baltimore Blvd., Room 500, Beltsville, Maryland 20705-2351.

Internet users now have access to the U.S. Department of Agriculture on the Plant Variety Protection Act. The homepage provides up-to-date information on applications received by the Plant Variety Protection Office. To access the Plant Variety Protection homepage via the World Wide Web, point your browse server to:

http://www.usda.gov/science/pvp.htm

References

Plant Variety Protection Act: Public Law 91-577, 84 Stat. 1542-1559; Dec. 24, 1970 as amended by:

Public Law 96-574, 94 Stat. 3350-3352. Sec. 1-19; Dec. 22, 1980

Public Law 97-164, 96 Stat. 37-38, 41, and 45. Sec. 127, 134, 145; April 2, 1982

Public Law 100-203, 101 Stat. 1330-28. Sec. 1505; Dec. 22, 1987

Public Law 102-560, 106 Stat. 4231, 4232. Sec. 3; Oct. 28, 1992 Public Law 103-349, 108 Stat. 3136-3145. Sec. 1-15; Oct. 6, 1994

Public Law 104-127, 110 Stat. 1186, Sec. 913; April 4, 1996

and

Regulations and Rules of Practice, 7 CFR, Part 97, as of January 4. 1996

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	(Titt crop kinds)			
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